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                 U.S. patents
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         SEP 09 50 Millionth Unique Chemical Substance Recorded in
                 CAS REGISTRY
NEWS 19 SEP 11 WPIDS, WPINDEX, and WPIX now include Japanese FTERM
                 thesaurus
```

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4, AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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FILE 'HOME' ENTERED AT 10:23:22 ON 12 SEP 2009

=> file reg
COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE TOTAL
ENTRY SESSION
0.22 0.22

FILE 'REGISTRY' ENTERED AT 10:23:31 ON 12 SEP 2009
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ${\tt ZIC/VINITI}$ data file provided by InfoChem.

STRUCTURE FILE UPDATES: 11 SEP 2009 HIGHEST RN 1182870-06-9 DICTIONARY FILE UPDATES: 11 SEP 2009 HIGHEST RN 1182870-06-9

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when conducting ${\tt SmartSELECT}$ searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>

Uploading C:\Program Files\Stnexp\Queries\10549300-3.str

```
chain nodes :
7  12  13  14  18
ring nodes :
1  2  3  4  5  6
chain bonds :
5-7  7-18  13-14
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6
exact/norm bonds :
1-2  1-6  2-3  3-4  4-5  5-6  5-7  7-18  13-14
isolated ring systems :
containing 1 :
G1:C,O,S,N
```

G2:C,O,S,N

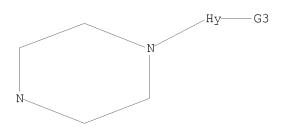
G3:[*1],[*2]

L1 HAS NO ANSWERS

STR

L1

```
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 12:Atom 13:Atom 14:CLASS
18:CLASS
Generic attributes :
7:
Saturation
                     : Unsaturated
Number of Carbon Atoms : less than 7
Number of Hetero Atoms : Exactly 1
Type of Ring System : Monocyclic
12:
                     : Unsaturated
Saturation
Number of Carbon Atoms : less than 7
Number of Hetero Atoms : 2 or more
Type of Ring System : Monocyclic
13:
Saturation
                     : Unsaturated
Number of Carbon Atoms : less than 7
Number of Hetero Atoms : 2 or more
Type of Ring System : Monocyclic
Element Count :
Node 7: Limited
   C,C5
   N,N1
   0,00
   S,SO
Node 12: Limited
   N,N2
   C,C4
   0,00
   S,S0
Node 13: Limited
   N, N2
   C,C4
   0,00
    S, S0
L1 STRUCTURE UPLOADED
=> d 11
```



G1 C,O,S,N G2 C,O,S,N

G3 [@1], [@2]

Structure attributes must be viewed using STN Express query preparation.

0 ANSWERS

=> s 11 sss sam SAMPLE SEARCH INITIATED 10:23:53 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 158516 TO ITERATE

1.3% PROCESSED 2000 ITERATIONS INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED) SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: 3146773 TO 3193867
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> log y

COST IN U.S. DOLLARS
SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST
0.48
0.70

STN INTERNATIONAL LOGOFF AT 10:23:58 ON 12 SEP 2009